



**Date of Council Work Session: August 11, 2014**

**TOWN OF LEESBURG  
TOWN COUNCIL WORK SESSION**

**Subject:** Emergency Interconnection with Loudoun Water

**Staff Contact:** Amy Wyks, Director of Utilities

**Recommendation/Issue:** Project update only. No action is required by Council at this time.

**Background:** Loudoun Water purchased the Goose Creek Water Treatment Plant, Goose Creek and Beaverdam reservoirs and a pipeline along the W&OD Trail to the Fairfax County line from the City of Fairfax. Around July 1, 2014, Loudoun Water changed the disinfection process at the Goose Creek water treatment plant from free chlorine to chloramines.

Using chloramines to disinfect drinking water is a common standard practice among drinking water utilities. Many utilities make the switch from chlorine to chloramines to enhance water quality and compliance with safe drinking water standards. The EPA accepts chloramines as a disinfectant method and recognizes its ability to control the formation of trihalomethane by-products (THM). Chloraminated water is safe for bathing, drinking, cooking and everyday uses.

In the event, the emergency water interconnection between the Town's and Loudoun Water's water systems at Riverside Parkway is activated; the Town's water system would receive chloraminated water. The Town uses free chlorine in the disinfection process at the Kenneth B. Rollins Water Treatment Facility.

Based on review and discussion by Utilities staff, we have no concern for the operation of the water system or the quality of water supplied to the utility customers. During and prior (when possible) to the activation of the emergency interconnection, the Town would provide notification to utility customers with a focus on medical facilities, stand-alone dialysis centers, fish supply (aquarium) stores and homeowners with tropical fish.

Staff is currently updating the standard operating procedure (SOP) for the emergency interconnection.